

Docket No. 285598US2PCT



IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Yoshitaka HARA, et al.

SERIAL NO: 10/567,339

GAU:

FILED: February 6, 2006

EXAMINER:

FOR: RADIO TRANSMISSION CONTROL METHOD, RADIO RECEIVER APPARATUS, AND RADIO TRANSMITTER APPARATUS

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

Marvin J. Spivak

Registration No. 24,913

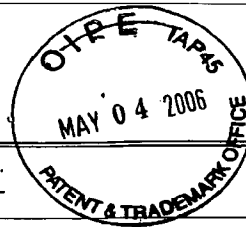
Customer Number

**22850**

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 05/03)

Surinder Sachar

Registration No. 34,423

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.  
285598US2PCTSERIAL NO.  
10/567,339

## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT  
Yoshitaka HARA, et al.FILING DATE  
February 6, 2006GROUP  
2617

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AM	2000-101667	4/7/2000	JP(equivalent of US 6 317 466 & US 2001/0050964)		NO
	AN	2003/001702	1/3/2003	WO(equivalent of US 2003/0043732 & US 6 751 187)		NO
	AO	2002/075953	9/26/2002	WO(with English abstract)		NO
	AP	2003-110474	4/11/2003	JP(equivalent of US 2003/0076908)		NO
	AQ	2003-179965	6/27/2003	JP		NO
	AR	2001-333002	11/30/2001	JP(equivalent of US 2002/0003833)		NO
	AS	2003-32745	1/31/2003	JP(equivalent of US 2004/0022176)		NO
	AT	2002-319885	10/31/2002	JP(equivalent of US 2003/0189917)		NO
	AU	11-205205	7/30/1999	JP		NO
	AV	2000-209145	7/28/2000	JP		NO

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	HEATH, Robert W. et al., "Antenna Selection for Spatial Multiplexing Systems with Linear Receivers", IEEE Communications Letters, Vol. 5, No. 4, Pages 142-144, April 2001.				
	AX	MILANI, Alessio et al., "Improving Protocol Performance in BLAST-based wireless Systems Using Channel Adaptive Antenna Selection", IEEE VTC, Vol. 1, No. 1, Pages 409-413, May 2002.				
	AY	MILANI, Alessio et al., "on the use of Per-Antenna Rate and Power Adaptation in V-BLAST Systems for Protocol Performance Improvement", IEEE VTC, Vol. 4. Pages 2126-2130, September 2002.				
	AZ					<input type="checkbox"/> Additional References sheet(s) attached

Examiner /Nalin Pilapitiya/

Date Considered 12/19/2008

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /N.P./

U.S. PCT Application Serial No: 10/567,339  
Filed: February 6, 2006  
Yoshitaka HARA, et al.  
Docket No. 285598 US



#### STATEMENT OF RELEVANCY

- 1) References AM - AV have been cited in the International Search Report. A copy of these references is being submitted herewith.
- 2) References            have been cited in the corresponding            Search Report. A copy of these references is being submitted herewith.
- 3) References            are discussed in the specification. A copy of these references is being submitted herewith.
- 4) References AW - AY are additional prior art known to Applicant. A copy of these references is being submitted herewith.